

Finboard Allocation Shrinks as UA Looks At Financial Policies

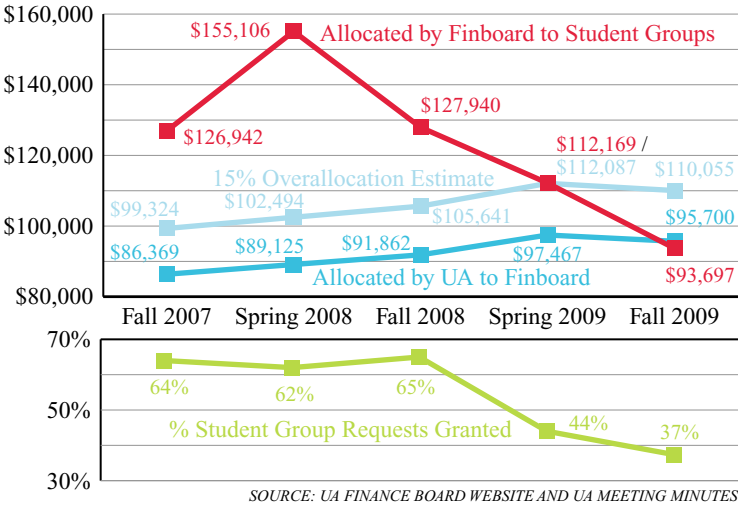
By Yuliya Preger
STAFF REPORTER

Due in part to stricter standards for funding requests, the Undergraduate Association Finance Board gave out much less money to student groups than it has in the past. Student groups received \$93,697, about \$16,000 less than the UA authorized Finboard to allocate. Also, a recent Senate bill that would route unspent UA money into Finboard's account was tabled in October over concerns about its constitutionality.

Because student groups typically don't spend all the money they're given, Finboard is expected to allocate 15 percent more money than it receives from the UA. For instance, for Spring 2009, Finboard was given \$97,466 by the UA, but actually handed out \$112,169 to student groups. For fall 2009, Finboard was granted \$95,700, so it was supposed to have handed out about \$110,000. Instead, by the end of the appeals

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Finboard Allocations Over the Years



Student groups have gotten less funding in recent semesters from the UA Finance Board, even as the UA as been setting aside more money for student groups. Usually, the Finance Board is expected to allocate 15 percent more than the UA gives it, because not every cent handed out is actually spent by student groups. This year, the Finance Board gave out \$16,000 less than the UA budgeted for it.

Team Will Study Athena Clusters To Gauge Potential Cost Savings

By Michael McGraw-Herdeg and Ana Lyons
STAFF REPORTERS

Conceived in an era when most students didn't have access to their own computers, are MIT's Athena computing clusters still relevant today?

A "study team of students, faculty, and staff" will try to answer that question as MIT looks to carry out sweeping budget cuts in the next fiscal year, according to a letter from Dean for Undergraduate Education Daniel E. Hastings '78 to all students.

Details about the group, such as who will serve on it and the scope of the cuts it might recommend, have not yet been decided, Hastings said in an e-mail last night.

Project Athena was founded in

Athena, Page 10



DAVID CHEN—THE TECH

Project Athena was created in the '80s to give students computer access. Nowadays, most students have their own computers — though many still use the clusters. On Monday afternoon in room 12-182, students are using the terminals to do problem sets, print out papers, and check e-mail on the go.

Housing Employee Fired After Sting Operation Caught Him Stealing \$20

By Vinayak Ranade
STAFF REPORTER

There was a hidden camera, a planted \$20, and a fake maintenance request. In an move straight out of the movies, Detective Jay Perault of Campus Police organized a sting

operation on Oct. 13 at Tang Hall to catch a housing employee suspected of multiple thefts.

A long-time Tang resident in the School of Engineering, who asked to remain anonymous, said his room was used for the sting. Recently, he

said, residents had started to notice things disappearing in the building. On Oct. 12, he said he was approached by the Tang house manager, Michael Collins, who asked for

Sting, Page 12

Media Lab Extension To Be Completed by November 30

By Sam Range
STAFF REPORTER

MIT's newest building, a luminous laboratory made of glass and steel, will finally open its doors to occupants on November 30.

Building E14, the extension to the Media Lab building, has been in planning for over a decade. First, construction was delayed for five years after a major donor backed out. Then, it was supposed to be finished over the summer, but construction overruns have delayed the opening until now.

Many of the Media Lab's current occupants will move to E14 in the coming month, and the conjoined buildings are together expected to Comparative Media Studies program, labs from the School of Architecture and Planning, and the Council and Office of the Arts in addition to the Media Lab and List Visual Arts Center.

The building was designed by highly-acclaimed Japanese architect

Media Lab, Page 14



SAM RANGE—THE TECH

The Media Lab Extension construction site is seen at night from the eastern parallel of East Campus in this high dynamic range image compilation.

In Short

¶ The final draft of the Institute Task Force Planning Report, which contains the Institute's cost-cutting plan, will be released three weeks later than scheduled, according to an e-mail from the Planning Task Force Coordinating Team. The report was supposed to come out on Oct. 30, but the individual working groups are behind schedule.

¶ Associate Professor Ian Condry will discuss the anime film *The Girl Who Leapt through Time* at the Museum of Fine Arts in Boston on Wednesday Nov. 3, 7–9 p.m. A screening of the film will follow. Student admission is \$10.

¶ *The Tech* won a Pacemaker! Last weekend, the Associated Collegiate Press awarded *The Tech* with one of the top awards in college journalism. *Tech* photographer William Yee '10 also won an honorable mention for his sports photo.

Send news information and tips to news@the-tech.mit.edu.



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OPINION

There are better arguments than global warming for clean energy.

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WORLD & NATION

Ford Posts an Unexpected Profit Of \$997 Million

By Nick Bunkley

THE NEW YORK TIMES

DETROIT

The Ford Motor Co. posted a surprise third-quarter profit of \$997 million on Monday and said it had had its first profitable quarter in North America in more than four years.

The carmaker also said that, at least temporarily, it had stopped rapidly depleting its much-needed cash reserves. It reported positive cash flow of \$2.8 billion during the quarter, ending September with \$23.8 billion.

Through the first nine months of 2009, Ford, the only Detroit automaker to avoid bankruptcy this year, has had a profit of more than \$1.8 billion. Still, it has lost about \$1.3 billion when one-time items, like a major debt restructuring, are excluded.

Until now, its goal had been to break even or earn a full-year profit by 2011. On Monday the company said in a statement that it “now expects to be solidly profitable in 2011, excluding special items, with positive operating-related cash flow.”

It did not indicate whether a fourth-quarter or full-year profit was expected this year, nor did it provide an outlook for 2010, citing continued economic uncertainty.

U.S. Manufacturing Shows an Unexpected Gain

By Javier C. Hernandez

THE NEW YORK TIMES

The U.S. economy still faces a long slog back to normalcy, but there were signs on Monday that the wounded manufacturing and housing industries were on track to recovery.

The overall health of the manufacturing sector reached its highest level in three years in October, according to a report from the Institute for Supply Management, and employment in the sector grew for the first time in 15 months. The recovery was driven by increases in production and declining inventories — for example, assembly-line workers turning stockpiles of iron and steel into cars.

Manufacturing executives heralded the numbers as an indication that this engine of the economy was in “sustainable recovery mode.” But some economists urged caution, noting the government’s role in stimulating manufacturing through its cash-for-clunkers program, which offered thousands of dollars in credits toward the purchase of new vehicles.

States Ponder Fraud Suits Against Banks

By David Streitfeld and John Collins Rudolf

THE NEW YORK TIMES

PHOENIX

Newly empowered by the U.S. Supreme Court, the attorneys general of several states hit hard by the housing collapse are exploring consumer fraud suits against major mortgage lenders.

Frustrated by the banks’ inability or unwillingness to stop an avalanche of foreclosures, the states are considering lawsuits over the creation and marketing of millions of bad loans as well as the dismal pace of mortgage modifications.

Such cases would have been impossible until recently, because federal regulators had exclusive oversight of national banks. But a 5-4 Supreme Court decision in June allowed the states to exercise their own supervision, giving them significant leverage.

“We tried to use the tool to be persuasive with the banks,” Arizona’s attorney general, Terry Goddard, said in an interview. “But their waterfall of excuses, the abysmal numbers of modifications, tells us persuasion is not working.” As a result, he said, “we’re moving much closer to litigation.”

Obama Presses Afghan Leader on Corruption

By Helene Cooper and Jeff Zeleny

THE NEW YORK TIMES

WASHINGTON

President Barack Obama on Monday admonished President Hamid Karzai of Afghanistan that he must take on what U.S. officials have said he avoided during his first term: the rampant corruption and drug trade that has fueled the resurgence of the Taliban.

As Karzai was officially declared the winner of the disputed presidential election, Obama placed a congratulatory call in which he asked for a “new chapter” in the legitimacy of the Afghan government.

What he is seeking, Obama told reporters afterward, is “a sense on the part of Karzai that, after some difficult years in which there has been some drift, that in fact he’s going to move boldly and forcefully forward and take advantage of the international community’s interest in his country to initiate reforms internally. That has to be one of our highest priorities.”

The administration wants Karzai and the Afghan government to put into place an anti-corruption com-

mission to establish strict accountability for government officials at the national and provincial levels, senior administration officials said Monday.

In addition, some U.S. officials and their European counterparts would like at least a few arrests of what one administration official called “the more blatantly corrupt” people in the Afghan government.

Administration officials declined to provide the names of people they wanted to see arrested and acknowledged that such arrests were a long shot. The international community’s wish list of potential defendants includes Karzai’s brother, Ahmed Wali Karzai, a suspected player in Afghanistan’s illegal opium trade; Gen. Abdul Rashid Dostum, who is accused of involvement in the killings of thousands of Taliban prisoners of war early in the Afghan conflict; and one of Karzai’s running mates, Marshal Muhammad Qasim Fahim, a former defense minister who is also suspected of drug trafficking.

“A couple of high-profile heads on a platter would be nice,” said one European diplomat involved in Afghanistan. The diplomat, like other

officials, spoke on the condition of anonymity because of the delicacy of the matter.

Obama administration officials have been pressing Karzai to take action against Dostum and Fahim for several months. This summer, Obama even called for an investigation of Dostum. Karzai instead allowed the general to return from exile and reinstated him to his government position, while the general endorsed Karzai and campaigned for him.

The corruption problem has surfaced repeatedly as Obama has been holding meetings to review his Afghanistan strategy, administration officials said.

“The issue of the government’s competence and legitimacy, and how that fits into our ability to succeed in Afghanistan, has been thoroughly discussed in these meetings,” a senior administration official said. “Because we’re putting American and coalition troops on the line in part to make sure the government stands and has a chance to succeed, there has to be an effort on their part to improve their effectiveness and address corruption.”

Ford Returns to Profitability, But Faces New Challenges

By Bill Vlasic

THE NEW YORK TIMES

DETROIT

While its cross-town rivals stumbled through bankruptcy this summer, the Ford Motor Co. pressed its advantage, and delivered surprising news Monday that its cost-cutting efforts and improving sales helped it earn nearly \$1 billion in the third quarter.

But now its faces new challenges in maintaining that lead. Both General Motors and Chrysler, with the stigma of bankruptcy receding, are moving ahead with their own comeback plans.

Under the prodding from a new board of directors, GM is aggressively marketing a 60-day, money-back guarantee on its vehicles that likely will result in market share gains to be announced on Tuesday.

And Chrysler and its new partner, Fiat, on Wednesday will disclose an ambitious five-year plan to streamline

its product lineup and introduce more fuel-efficient models.

Ford is also running into resistance from its unionized workforce as it attempts to cut costs further.

Its improving fortunes were the main reason cited by the United Automobile Workers on Monday for rejecting another round of labor concessions that would have roughly matched concessions that workers at Chrysler and General Motors approved in the spring.

The UAW’s president, Ron Gettelfinger, and its vice president in charge of the Ford unit, Bob King, said in a statement that the carmaker’s third-quarter profit was “evidence of the contributions that Ford workers have made.”

Ford, which earned \$997 million in the third quarter and made money in North America for the first time since 2005, has turned itself around largely

by cutting costs and introducing new cars that consumers want to buy, rather than resorting to deep discounts to lure shoppers into showrooms.

But Ford also took advantage of the unfavorable perception that many consumers had of GM and Chrysler, which have needed huge infusions of federal aid to survive. Even Toyota has been losing money and, after significant recalls, been forced to defend its quality.

Toyota, like GM and Chrysler, is plotting its own turnaround effort, with a new president, Akio Toyoda, focused on restoring its once-pristine reputation.

“These difficult times have caused us to do some important soul-searching and approach the business in new and better ways,” Bob Carter, head of the Toyota division in the United States, told reporters in Detroit on Monday.

WEATHER

Transition Time

By Vince Agard

STAFF METEOROLOGIST

November has arrived, and this week will begin the slow descent from brisk autumn temperatures to those more typically associated with chilly New England winters. The steadily decreasing amount of daylight present during this time of year contributes to a drop of 10°F (5.5°C) in normal temperatures over the course of the month. The winter solstice will be here soon enough, but until then, 4:30 p.m. sunsets will be a regular feature.

For this week, today will likely be the most pleasant day, with sunshine present and temperatures reaching the mid-50s°F before a cold front moves through the area in the late afternoon. The frontal passage will bring increased breeziness throughout the evening hours as temperatures plummet into the high 30s°F overnight.

For the rest of the week, expect temperatures to range from the upper 40s°F in the daytime to the mid- to upper-30s°F overnight. Sunshine will stick around on Wednesday, but clouds will move in toward the end of the week, with a possibility of rain or snow showers on Thursday and Friday.

Extended Forecast

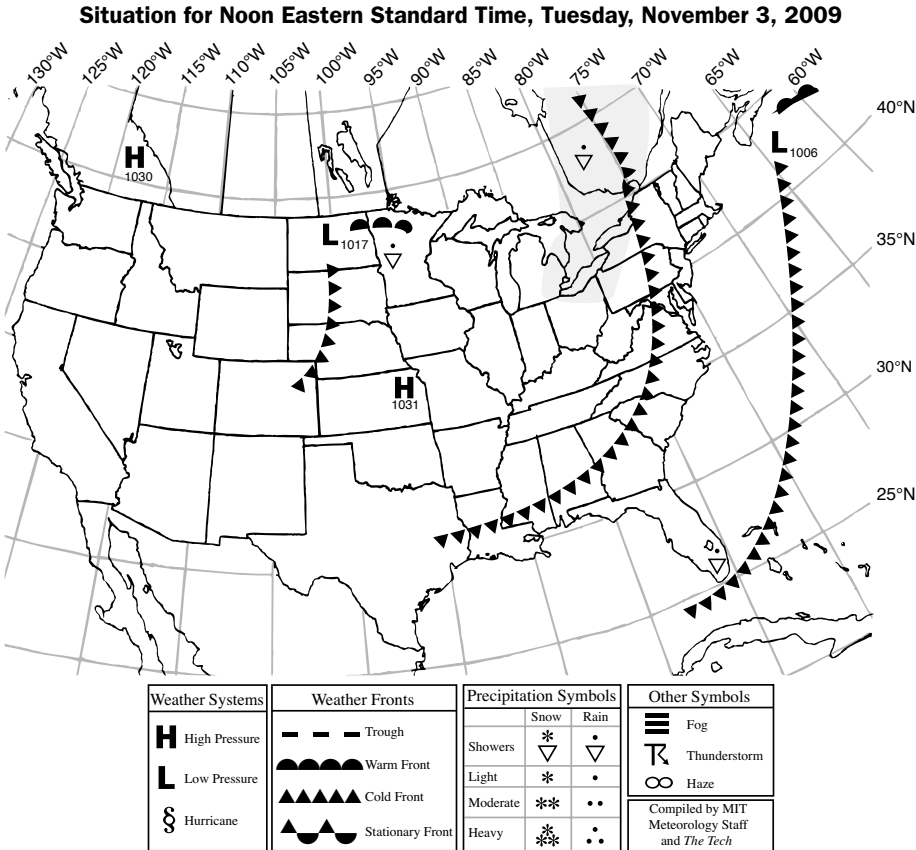
Today: Partly sunny, High 55°F (13°C), with temperatures dropping in the late afternoon.

Tonight: Clear and increasingly breezy, with Northwest winds at 15–20 mph. Low 37°F (3°C)

Tomorrow: Mostly sunny, High 48°F (9°C)

Thursday: Cloudy, with a chance of rain or wet snow. Highs in the upper 40s°F (9°C)

Friday: Cloudy, with a chance of rain or wet snow. Highs in the upper 40s°F (9°C)



Democrats Say House Bill Cuts Premiums for Many

By Robert Pear and Carl Hulse
THE NEW YORK TIMES

WASHINGTON

As the House moved toward climactic votes on legislation to remake the health care system, the Congressional Budget Office said Monday that middle-income families might be required to pay 15 percent to 18 percent of their income on insurance premiums and co-payments under the proposal.

Democrats cited the figures as evidence that the legislation would reduce premiums for many low- and middle-income families who currently lack affordable coverage.

Democratic leaders were drawing up ground rules for House floor debate on their bill, expected to begin late this week. The bill would cover 36 million people at a cost of \$1.05 trillion over 10 years, according to the CBO.

House Republicans were drafting

an alternative, which they said would be much less costly. They acknowledged that it would cover fewer people.

Rep. John Boehner of Ohio, the House minority leader, said the Republican alternative would allow people to buy health insurance across state lines, encourage small businesses to band together to buy insurance at lower prices, and rein in medical malpractice lawsuits.

Boehner said the Republican proposal had none of the taxes or mandates of the Democrats’ bill and would not prohibit insurers from denying anyone coverage because of pre-existing medical conditions. But, he said, the Republicans would provide more money to states to form high-risk pools, which offer coverage to people who cannot obtain private insurance.

Republicans will have only a limited opportunity to influence the Democrats’ bill on the House floor.

Under the rules for debate, Republicans will probably not be able to propose amendments other than a complete substitute for the bill, Democrats said.

Those rules are sure to anger Republicans, who have been clamoring for a chance to propose changes. But they may also stymie some Democrats who had wanted to propose amendments dealing, for example, with restrictions on abortion.

The House Democrats’ bill would offer \$600 billion in subsidies to help low- and middle-income people buy insurance, most of it from private insurance companies, according to the CBO.

The subsidies would be available to people who obtain coverage through a new regulated market known as a health insurance exchange, scheduled to start operation in 2013. Subsidies are based on the amounts charged for low-cost basic plans.

Urban Clinics Face Scrutiny In Health Bill

By Anemona Hartocollis
THE NEW YORK TIMES

NEW YORK

As Congress struggles to rein in health care costs as part of its sweeping reform efforts, hospitals in New York City and other urban areas that provide some of the most expensive care are among the primary targets.

The issue pits hospitals in more rural states like Iowa and Minnesota, where spending tends to be lower, against those in areas like New York and Los Angeles, and revolves around a question that has bedeviled the medical establishment for decades: How much money do hospitals need to provide adequate care for patients, especially poor people who have not had regular access to health care.

A provision in the House health care bill, included over the objections of hospitals from New York and other cities, would order a neutral group, the Institute of Medicine, to conduct

a two-year study of regional variations in Medicare spending. The bill requires the institute to recommend changes that would reward “quality and value,” and those changes would take effect automatically unless Congress objected by May 31, 2012.

Proponents say the institute’s findings could prove crucial to efforts to slow out-of-control medical costs. They argue that through greater efficiency, Medicare spending could be cut by 15 to 30 percent, and cite researchers at Dartmouth Medical School, who contend that Medicare could save \$1.42 trillion by 2023, and eliminate a looming deficit, by reducing the annual growth in per patient spending to 2.4 percent from the national average of 3.5 percent.

The recommendation that New York hospitals fear most is that Medicare should reduce payments to areas where costs grow fastest and increase payments to those that are

best at controlling them. They argue that some of the most-efficient hospitals are in affluent and rural areas that do not face the same challenges, including higher poverty and cost of living, as New York.

“This line of inquiry is destructive to urban centers,” said Dr. Kenneth L. Davis, chief executive at Mount Sinai Medical Center in New York. “Unless we deal with the problems of poverty in underserved areas, health care will be expensive in urban areas.”

Bombers Strike Pakistani Cities as Army Offensive Continues

By Salman Masood
THE NEW YORK TIMES

ISLAMABAD

Suicide bombers attacked two major Pakistani cities on Monday — one of them the garrison city of Rawalpindi — as the army claimed control of one more Taliban stronghold in the northwestern tribal region of South Waziristan, officials said.

The Rawalpindi suicide bomber struck a few hundred yards from the headquarters of the Pakistani army and outside a branch of the National Bank of Pakistan, where soldiers and civilians had gathered to collect their monthly salaries and pension payments. At least 35 people were killed and at least 45 were wounded, security and rescue officials said.

Maj. Gen. Athar Abbas, an army spokesman, said four soldiers were among the dead in Rawalpindi and nine among the wounded.

In the evening, an explosives-laden vehicle blew up at a police checkpoint near the entrance to the city of Lahore, said the city’s police chief, Pervez Rathore. Witnesses said that the vehicle was a white Suzuki and that it exploded after police officials had tried to stop it from entering the city. The two suicide bombers in the car were killed and 15 people were wounded, most of them police officers.

Despite Slump, Venture Firm Sets Up \$575 Million Fund

By Claire Cain Miller
THE NEW YORK TIMES

SAN FRANCISCO

Even amid the contraction of the venture capital industry, which fertilizes the seeds of new technology startups, some firms are expanding.

On Monday, Greylock Partners, which has backed Facebook and LinkedIn, announced that it had put together a new \$575 million fund, one of the biggest to be created in the last year. It has also hired a new partner, Reid Hoffman, the founder of LinkedIn and an active investor in early-stage startups.

The venture industry has been pummeled in the last year by dismal conditions that have made it difficult for startups to go public or be acquired by bigger companies. Many have predicted that the number of venture firms could shrink by as much as half.

The list of firms that have managed to raise funds in the last year provides a glimpse of how the venture capital landscape will look once the shakeout ends. In addition to Greylock, the firms include Khosla Ventures, Sequoia Capital and Accel Partners.

The endowments, pension funds and foundations that invest in venture funds have been cutting back because of losses in their portfolios and shrinking returns in venture capital. In the third quarter, only 17 venture firms raised fresh capital, down from 63 in the same period last year and the lowest number since 1994, according to the National Venture Capital Association.

People’s Republic of China Dismisses Its Minister of Education

By Michael Wines
THE NEW YORK TIMES

Facing rising criticism over the quality of schools and a crush of jobless college graduates, China’s legislature announced Monday that it had removed the minister of education after six years on the job and replaced him with a deputy.

The minister, Zhou Ji, had become a prime target for critics of China’s education system, which has stumbled during breakneck expansion that was intended to raise literacy rates and build a world-class university system.

His dismissal follows a corruption scandal involving a university in Wuhan, where Zhou had been mayor and, before that, president of another university. Zhou has not been publicly linked to the corruption charges, which remain under investigation.

The government-run Chinese-language press reported Zhou’s removal Monday largely without comment in summarizing the work of the standing committee of the National People’s Congress, the legislature whose delegates are largely elected by Communist Party leaders and the military.

Zhou’s dismissal was described more fully in the government’s English-language newspaper, China Daily, which said the education

system had been “plagued with problems, such as underfunding of primary and secondary schools and poor standards in higher education.”

Many of those problems arose well before Zhou became education minister in 2003, but he was widely criticized for moving too slowly to correct them. When all 3,000 delegates of the National People’s Congress voted in March to retain or replace Cabinet-level ministers, Zhou drew 384 no votes — putting him in last place among the 72 ministers who were considered.

Some Chinese newspaper columnists suggested Monday that Zhou’s departure offered the government a chance to address broader corruption in academia, in which excellence and the search for truth had been subverted by politics and the search for a fast buck.

Both basic and higher education have been hindered by corruption, from the selling of degrees and stellar test scores by administrators to cheating among students.

Zhou’s successor, Yuan Guiren, may offer a preview of the ministry’s new direction. Yuan, 59, earlier was president of Beijing Normal University, known by educators as one of the most progressive institutions in a nation where higher education is tightly bound by ideological and political restraints.



Tom Stohlman

Cambridge City Council

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BS (10C) 1977
MARCH (4) 1978
Kappa Sigma
Baker RA

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Tuesday Nov. 3

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OPINION



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Corrections

Because of an editing error, an article last Friday failed to introduce one of the sources, Elizabeth J. Eddison '11. Eddison is co-chair of Sexual Assault Awareness Week at MIT.

Letters To The Editor

Another City Council Candidate

I hope those of you who plan to vote in the Cambridge City Council election on Tuesday, November 3, will consider giving me, James Williamson, your #1 Vote.

I know that you have your own candidate from MIT whose name will appear on the ballot this year, but if you are interested enough

in Cambridge to take the trouble to register to vote here, then I believe you deserve the opportunity to consider other qualified candidates as well.

I have a Candidate Video at the CCTV (Cambridge Community Access Television) website. The *Cambridge Chronicle* has a useful "Election Guide" at their website, as well. There are also links to "candidate web pages" at the useful Cambridge Civic Journal website, hosted by a lecturer in math at Harvard named

Robert Winters.

Some years ago I worked to call attention to the plight of Lori Berenson, a former MIT student who remains unjustly imprisoned in Peru. I helped her parents bring their message about Lori to President Clinton when he gave the Commencement Address at MIT.

I will bring this same commitment to MIT and your community to the City Council if elected, and I need your #1 Vote. Thanks!

James M. Williamson

Where Are the College Democrats?

Rachel Sealfon

"Thank you, M.I.T. (Applause.) I am — I am hugely honored to be here. It's always been a dream of mine to visit the most prestigious school in Cambridge, Massachusetts."

—President Barack Obama

MIT was recently very excited to welcome President Obama to campus. Students eagerly shared stories about the lucky few who caught a glimpse of the president or attended his speech. *The Tech* ran a photograph of a beaming student holding a sign reading, "Institute Hears The Forty-fourth President." Students, faculty, and staff watched Obama's inspiring speech in viewing locations around campus, and gloated to our Harvard friends that even the President knows that MIT is the best school in Cambridge.

It's clear that many members of the MIT community are pretty enthusiastic about the current Democratic administration. When I was trying to get in touch with the MIT College Democrats recently, though, I found something surprising — they don't appear to exist.

The College Democrats' web page, <http://web.mit.edu/mit-cds/www/who.html>, appears to have been last updated in 2004. People, that is a really long time ago. Back in 2004, I was in high school, Twitter did not exist yet, and Bush was just getting re-elected for the second time.

I also wrote to Catherine Havasi, who was

a leader of MIT for Obama, to ask her how I could get in touch with the MIT College Democrats. She told me that there is no MIT College Democrats.

There seem to be a lot of useful things that MIT College Democrats could be doing, both for themselves and for the MIT community. When I look at the Harvard College Democrats' web page, they have photographs of their group with really awesome people, like David Axelrod and Howard Dean. If you re-start the MIT College Democrats, glory will be yours and you too may be able to meet really awesome people, get your picture taken with them, and get them to come to campus so that we can all hear them talk.

Also, there are many issues that the MIT College Democrats can look into and help with. Today, we have the Cambridge City Council and school committee election. In this election, there are twenty-one candidates, and voters are supposed to rank their nine top choices for the nine slots on the City Council. As a computer science grad student, I do not have time to figure out which nine of the twenty-one candidates for city council I want to vote for.

Looking into this a little bit (because hey, guess what, it's always tempting to procrastinate) it seems like a lot of the candidates for city council are pretty interesting people.

Marjorie Decker grew up in a public housing project in Cambridge, was the first in her

family to graduate from high school, and went on to graduate with honors from UMass Amherst, earn her masters at Harvard's Kennedy School of Government, and work for Teach For America. She's been on the city council for ten years, and has been active on issues like public education, affordable housing, women's and veteran's health, and climate change.

Kenneth Reeves, who was Cambridge's mayor from 1992–1995 and from 2006–2007, was the first openly gay black man to serve as mayor of any city in the U.S. (Our current mayor, E. Denise Simmons, is the first openly

lesbian black mayor in the U.S.) Mr. Reeves is also so eloquent that I read an interview with him over the phone to my family, in its entirety (<http://www.pridesource.com/article.html?article=6434>).

And of course, many of us have heard about the candidacy of Leland Cheung, a grad student in our very own Sloan School of Business.

It would be lovely to have an active MIT College Democrats group read up about these candidates and the other seventeen people who are running for Cambridge City Council, and tell us who, in their opinion, are the best candidates. Since local elections tend to have rather low turnout, a surprisingly few number of votes can sway the election's outcome.

Kudos to Cantabrigians for turning out in overwhelming numbers to vote in last year's presidential election. Last year, voter turnout was 72 percent in Cambridge. Unsurprisingly, nearly ninety percent of the votes were for Barack Obama. I'm envious of my friends who got to vote in sexy locations like Florida, Ohio, and Pennsylvania, the folks whose votes might actually have been the difference between electing Obama and electing McCain.

In contrast, the turnout for local elections tends to be much lower. In a local election like the one today, your vote really might determine which candidates will serve on our city council and school committee next year. It would be great to have an active MIT College Democrats group encouraging us to get out and vote.

There are many other issues that the MIT College Democrats might be able to have an enormous impact on. For example, at the end of August, about 100 housekeepers were fired from the Hyatt Regency Cambridge right next to Tang Hall, and from two other Boston-area Hyatts. Many Democratic politicians, including Governor Patrick and Representative Capuano, have called for a boycott of Hyatt. However, there doesn't seem to have been any student or administration response at all even though MIT has a hotel services partnership agreement with the Hyatt and frequently houses conference attendees there (including the participants in the iGEM conference which occurred last weekend). An MIT College Democrats group might also be interested in participating constructively in the discussion of how MIT can cut its budget without damaging the MIT community.

But most importantly, we can't let Harvard have the best College Democrats group in Cambridge.

Rachel Sealfon is a graduate student in computer science. She urges people who are interested in restarting an MIT College Democrats group to write to her at mitdems@gmail.com.

Opinion Policy

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Global Warming: The Wrong Argument

Charles Barr

When promoting clean energy, the primary argument for reform is usually global warming or climate change. Assuming global warming exists, this is a powerful argument. It's hard to imagine a worse scenario than rising sea levels submerging vast swaths of the Earth's landmass. It is also difficult for opponents to defeat a proposal that, if not adopted by our government, will result in massive loss of life.

This argument rests, as I stated before, on the global warming assumption. However, I am not arguing that global warming does not exist — that is irrelevant to my point. What is important is that the “clean energy” argument rests on the assumption that people accept global warming in the first place.

Unfortunately, many Americans do not accept it. An October “Energy Update” from Rasmussen Reports notes that only 60 percent of Americans believe that global warming is

a serious problem. It is a significant number — indeed, a majority — but it also means that 40 percent of Americans dismiss global warming. So when policymakers, such as President Obama, reference climate change as the primary reason for adopting clean energy policy, he fails to appeal to 40 percent of Americans.

What then, can everyone agree on about clean energy? There are many arguments in favor of clean energy that are far more difficult to argue against than global warming. First, consider pollution. It is undeniable that spewing contaminants into the air harms human health. Anyone who has been in Los Angeles understands this well. The smog, benzene, and other products of combustion are poisonous. This is very believable, but the impact and reason for urgency of pollution pales in comparison to global climate change.

There are, however, other reasons that do have the same brutal imagery. Look at the risk for resource wars. As oil supplies dwindle, economic and security interests will dictate

the need to secure oil resources. States have used, continue to use, and will use their military power to secure oil resources. Saddam Hussein attempted to expand his oil empire by invading Kuwait. China's involvement in Sudan is almost certainly linked to the latter's oil. According to the Energy Information Administration, Sudan has five billion barrels of proven oil reserves, which is enough to warrant China's military involvement in the region.

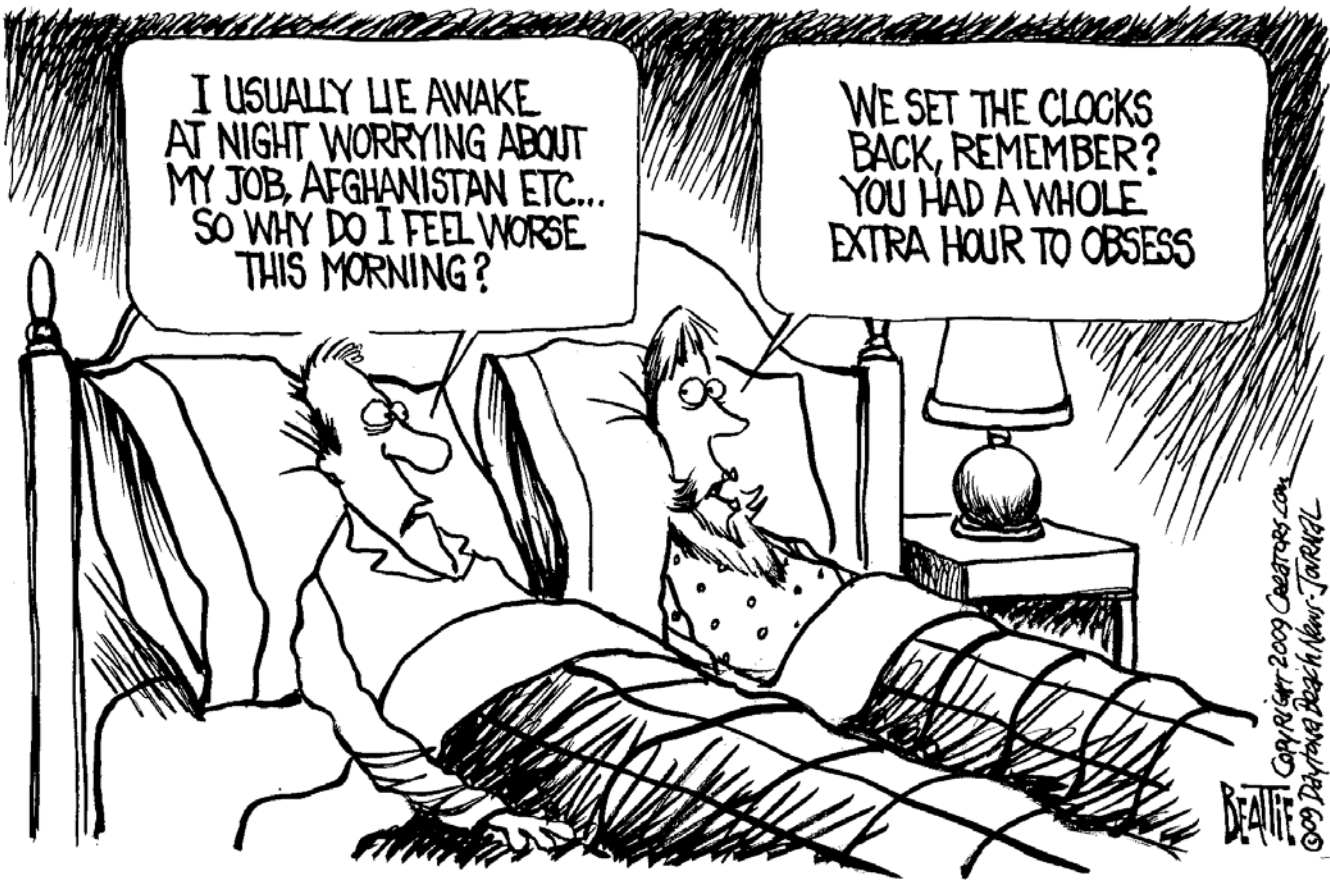
It is not hard to imagine that the United States will intervene to protect its oil interests. The United States provides security to Saudi Arabia, intervened to stop Hussein from controlling Kuwaiti oil, and, by some estimates, might have used oil as a reason for invading Iraq in March 2003. Resource wars are a real risk and have direct costs both in dollars and lives.

I hope to see these problems come up more often than the global warming in the debate for clean energy. Clean energy is an important goal, but that goal could be undermined by


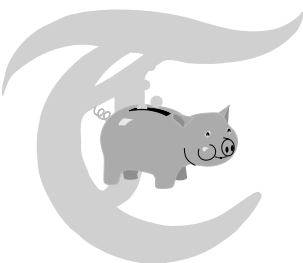

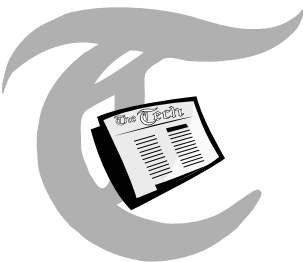


the very reasons that purportedly support it. Proponents have to start using less debatable points, and focus on ones like pollution or resource wars. These have more direct implications for the United States than the controversial global warming argument.

Like the “death panel” phrase that some conservatives have used to discredit the Obama health care plan, the global warming argument is the scariest argument out there. Partly because it is so scary and dire, it is also less acceptable. People deny it. Deniers cannot be convinced. If supporters of clean energy want results, then now is the time to begin transforming deniers into supporters with arguments that are not based on global warming. For real change to happen, supporters must use arguments that have direct, tangible and undeniable effects on almost all Americans. Pollution, resource wars, or job creation fulfill these objectives. Global warming does not.

Charles B. Barr is a member of the Class of 2013.



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Steal My Comic

by Michael Ciuffo



STEALMYCOMIC.COM

Sudoku

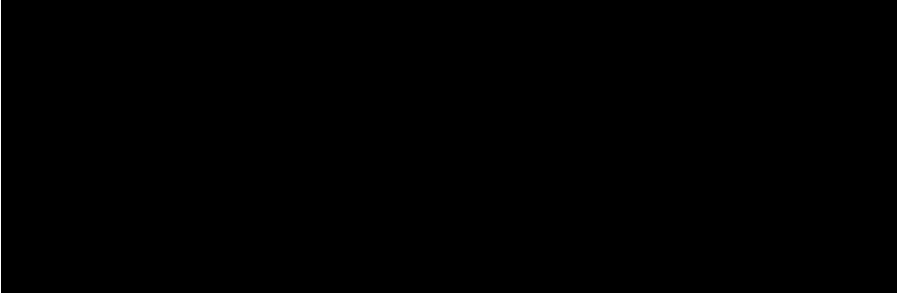
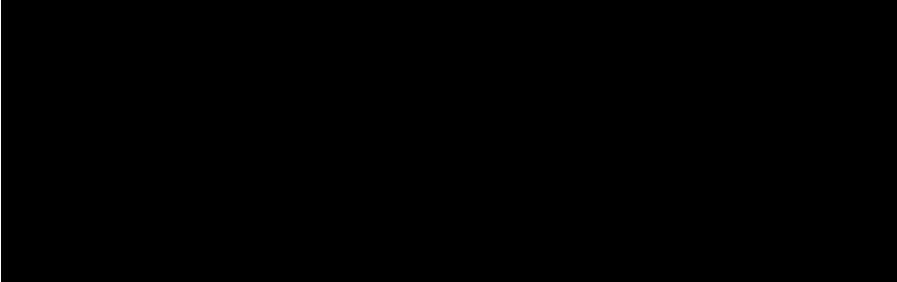
Instructions: Fill in the grid so that each column, row, and 3 by 3 grid contains exactly one of each of the digits 1 through 9. Solution on page 10.

	3	1			4			
9				1	6			
		6	7	3				
3				9		2		5
	8	4				7	3	
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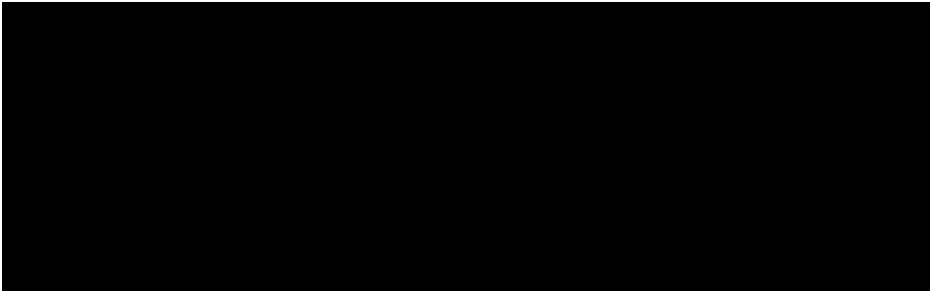
Doonesbury

BY GARRY TRUDEAU

Doonesbury Flashback



Dilbert® by Scott Adams



Crossword Puzzle

Solution, page 12

ACROSS

- 1 Racetrack shape
5 Wield an axe
9 Board
14 Foal's mom
15 Celeb's perk
16 Yoga posture
17 Pond scum and seaweed
18 Panache
19 Cowboy's tote
20 Victor's moment to savor
23 Action site
24 Rock innovator Brian
25 VFW member
28 Passing years, poetically
33 Brawny
37 Composer Mendelssohn
38 Fictional terrier
39 Roulette events

- 42 Utah ski resort
43 Task
45 Stronghold
47 Legendary beauty
50 Raw mineral
51 Mountain pass
52 Makeshift
57 Really big pickle
62 Nudges
64 James Joyce novel, "Finnegans _"
65 12 o'clock high
66 _ Lee Curtis
67 Harrow rival
68 James of "Elf"
69 Burn up the road
70 Unwind
71 Vocalist James

DOWN

- 1 Cornhusker's city
2 Heroism
3 Take issue

- 4 Assimilate
5 Staff symbol
6 Dagger handle
7 Actor Epps
8 Shetland grazers
9 Pass along deceptively
10 Quickly, shortly
11 Music recording hub
12 Twinned pair?
13 Thai's neighbor
21 Diamond Head's island
22 Kids' card game
26 Releases
27 Baylor University state
29 Unser Sr. and Jr.
30 Fabric surface
31 Nod (off)
32 Spree
33 Rambo-like
34 "Confessions"

- singer
35 Pulled off a diamond coup
36 Solitude
40 Negative connection
41 B'way sign
44 Sheathed
46 Greenhorn
48 Cartoon cave guy
49 Nosegay unit
53 Pound part
54 Ger. submarine
55 Rub it in
56 Salon supply
58 Emmy winner Falco
59 Kismet
60 Fight-stopping letters
61 Tenant's payment
62 Sleepwear, briefly
63 Eminem's genre

1	2	3	4		5	6	7	8		9	10	11	12	13
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69						70					71			

CAMPUS LIFE

Brouhaha Rhythm

The Halloween Identity Crisis

By Michael T. Lin
CAMPUS LIFE EDITOR

Halloween has always been my favorite holiday of the year. For one thing, it takes place during my favorite season — I grew up in a heavily forested area of Pennsylvania, and seeing entire mountainsides change color is pretty stunning for me now and positively mind-boggling to an eight-year-old. I also got to feed my hero complex, a long-standing tradition that continues even today in a manner that I suspect would be of some psychiatric interest. It started with a cowboy costume, presumably because I asked for it but likely influenced much less by Clint Eastwood and much more by the release of *An American Tail: Fievel Goes West*. From there, it alternated between “Robin Hood” and “Musketeer” (each with relevant movie releases, the more observant of you might notice) until I hit high school.

At that point, I was at an age where dressing up in costume was reserved more for Homecoming Week than Halloween, and carrying cap pistols and swords was “discouraged”

in school. Homecoming highlights include a cardboard-and-duct-tape pre-300 Spartan with a Superman S-shield on his armor (I still can’t remember why), Quasimodo, and Indiana Jones. Interestingly enough, it wasn’t until after I graduated that my high school decided to have a Superhero Day. Darn.

This Halloween, I dressed up as The Spirit, the eponymous character from the 2009 Frank Miller film based off of a Will Eisner comic book character. The costume is pretty simple — black suit pants, black dress shirt, black trench coat, black fedora, black domino mask, black gloves, bright red necktie. The look can hypothetically be completed with black dress shoes, but for true authenticity, black Converse All-Stars are a necessity. I thought it was a really cool look that produced a really cool effect for relatively little effort. So why on earth was the recognition factor so hard

to come by? To be fair, relatively few people saw the movie from which my costume came, but even so, I would have hoped that “Zorro” would not be the first thing that came to mind when they saw a red tie and high-top sneakers. Much as Zorro would fit in with my modus operandi as far as costumes are concerned, I don’t have a fencing sword or a cape, and if I had either, it would probably make it very challenging to get on a Saferide without getting caught in the door or slashing an artery.

The most troubling interpretation I got of my costume all weekend was Hamburglar. Yes, Hamburglar. I did not attach a domino mask to my face with enough double-sided tape to remove the top two layers of my face to be mistaken for the burger-stealing, freckled, bucktoothed, retired second-string mascot for McDonald’s. No offense meant to those who have

fond memories of the fellow (and/or have a burger fetish) who did dress up as Hamburglar, but of all the awesome-looking heroic characters I could have chosen to dress as, Hamburglar was not on my shortlist.

That’s not to say that there weren’t benefits to my costume. I never used to think that domino masks (masks that only cover the area around the eyes) did anything to hide one’s identity, but after having friends question whether or not I was actually me under there, I have to confess that my comic book disbelief has been suspended an extra notch.

My ego may also have deceived me into thinking that I received more elevator eyes walking through Boston at 10 p.m. as I passed by all of the other Halloweenies, but between the slick tie, the cunning fedora, and all of the alcohol making their focus float up and down, I wouldn’t have been surprised. Now, if you’ll excuse me, I have to prepare for next year’s costume. I’d like to try and be the less-than-heroic (but nonetheless awesome) Ash from *Army of Darkness* — I’m hoping if I do it properly, I won’t be mistaken for Ash from Pokémon.

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Easter 1987, Age 5

Easter 1988, Age 6

Easter 1989, Age 7



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UA Considering Finance Board Allocation Reforms

Finboard, from Page 1

round this September, Finboard had only given out \$93,697. Finboard chair Danielle J. Wang ’11 told *The Tech* in June that Finboard would be more strict in handing out funds and would be looking for more detail in requests from student groups.

In a few weeks, Finboard will hold a meeting to clarify funding guidelines. As UA Treasurer Alexander W. Dehnert ’12 admits, the recent Finboard decisions do not reflect all of the funding philosophies posted on the Finboard website.

One goal is to give “similar amounts of money to groups that do similar things,” — but this has not been the case for several groups. For example, a capella groups the Cross Products and Techiya both applied for about \$1000 this fall, but Techiya got around \$700 and the Cross Products only \$400. Two student religious organizations, the Asian Baptist Student Koinonia and Hindu Students Council, both requested about \$1800, but the Hindu Council got \$1700 and the Asian Baptists only \$800.

Dehnert said that one of the more important funding philosophies is ensuring that groups get about the same amount of money per member. But that has not always been the case either. Casino Rueda has about 15 members, but it received approximately the same funding as the National Society of Black Engineers, which reports that it has over 100.

Additional UA Funding

Senate Bill 41 U.A.S. 2.3, proposed by UA Treasurer Alex Dehnert ’12, would permit UA committee chairs to transfer unspent money to Finboard. Dehnert said the purpose of the bill was to make sure the UA got a chance to spend all its money every term. Currently, money that the UA doesn’t spend gets moved into the UA’s reserve account at the end of each semester. It is hard to then get that money back.

The UA Judicial Board ruled that the bill violates the section of the UA constitution that says the UA Senate has final say on how UA money is spent. Committee chairs are not allowed to transfer money without Senate approval.

An amendment to the bill would have the Senate vote every time a committee wanted to transfer money. But according to UA Senate Speaker Paul Baranay ’11, it is still not clear whether this amendment makes the bill constitutional. In fact, this debate has prompted some to consider amending the UA constitution to clarify who has final funding authority. The bill has been tabled and awaits further discussion.

Even if the bill does pass, it is unclear how the additional funds would affect current allocation.

Reactions to Allocations


To his knowledge, Dehnert has not heard any complaints about this fall’s allocations. Some groups are struggling, though, because of the decline in allocations. The Muses, who requested \$7,100 but only received \$800, are struggling to record their new album. They’ve attempted to raise funds by contacting alumni and parents of current members, as well as selling old CDs.

Dehnert said that, in light of the recession, the Student Activities Office anticipates many groups will start spending all of the money Finboard gives them. As a result, Finboard will not be able to overallocate as much as it has in the past. This spring, Finboard will target a 10 percent over-allocation, down from 15 percent. Not much should change, though, because Finboard’s tightening coincides with an increase in the student life fee, which has enabled the Senate to allot an additional \$7,000 to Finboard next semester.

Funds for IAP and spring semester will be apportioned at the end of November.

Results of UA Finance Board Allocations Appeals for Summer/Fall 2009

Group	Operations		Capital		Events		Publicity and Printing		Total			Vote
	Requested	Received	Requested	Received	Requested	Received	Requested	Received	Requested	Received	% Received	
African Students Association	\$660.00	\$0.00	\$0.00	\$0.00	\$2,230.00	\$1,600.00	\$288.00	\$163.00	\$3,178.00	\$1,763.00	55.48%	5-1-0
AITI	\$0.00	\$0.00	\$0.00	\$0.00	\$150.00	\$150.00	\$150.00	\$100.00	\$300.00	\$250.00	83.33%	5-0-1
Alpha Phi Alpha	\$650.00	\$0.00	\$0.00	\$0.00	\$1,300.00	\$0.00	\$100.00	\$0.00	\$2,050.00	\$0.00	0.00%	6-0-0
Alpha Phi Omega	\$0.00	\$0.00	\$0.00	\$0.00	\$200.00	\$200.00	\$0.00	\$0.00	\$200.00	\$200.00	100.00%	5-0-1
Alternative Spring Break	\$500.00	\$0.00	\$30.00	\$30.00	\$300.00	\$200.00	\$100.00	\$100.00	\$930.00	\$330.00	35.48%	6-0-0
American Medical Students' Association	\$300.00	\$0.00	\$0.00	\$0.00	\$1,540.00	\$600.00	\$80.00	\$60.00	\$1,920.00	\$660.00	34.38%	5-0-1
American Red Cross Team and Network	\$845.00	\$300.00	\$0.00	\$0.00	\$850.00	\$500.00	\$531.00	\$200.00	\$2,226.00	\$1,000.00	44.92%	5-0-1
Anime Club	\$259.00	\$100.00	\$2,562.00	\$686.00	\$1,580.00	\$716.00	\$80.00	\$30.00	\$4,481.00	\$1,532.00	34.19%	6-0-1
Asian American Association	\$200.00	\$50.00	\$100.00	\$100.00	\$2,200.00	\$700.00	\$120.00	\$70.00	\$2,620.00	\$920.00	35.11%	7-0-0
Asian Baptist Student Koinonia	\$524.00	\$200.00	\$427.00	\$100.00	\$450.00	\$300.00	\$408.00	\$180.00	\$1,809.00	\$780.00	43.12%	5-0-1
Asian Christian Fellowship	\$1,200.00	\$250.00	\$200.00	\$200.00	\$850.00	\$600.00	\$150.00	\$150.00	\$2,400.00	\$1,200.00	50.00%	6-0-1
Assassins Guild	\$340.00	\$340.00	\$415.00	\$415.00	\$710.00	\$710.00	\$210.00	\$210.00	\$1,675.00	\$1,675.00	100.00%	5-0-1
Association of International Relations and Model United Nations	\$855.00	\$400.00	\$0.00	\$0.00	\$1,000.00	\$500.00	\$326.00	\$100.00	\$2,181.00	\$1,000.00	45.85%	7-0-0
Assoc Puerto Rican Students	\$175.00	\$100.00	\$153.00	\$70.00	\$3,998.00	\$1,200.00	\$170.00	\$150.00	\$4,496.00	\$1,520.00	33.81%	5-0-1
Association of Taiwanese Students	\$0.00	\$0.00	\$100.00	\$0.00	\$1,755.00	\$1,755.00	\$85.00	\$50.00	\$1,940.00	\$1,805.00	93.04%	7-0-0
Asymptones	\$75.00	\$75.00	\$25.00	\$25.00	\$0.00	\$0.00	\$170.00	\$50.00	\$270.00	\$150.00	55.56%	6-0-0
Baptist Student Fellowship	\$0.00	\$0.00	\$160.00	\$160.00	\$600.00	\$200.00	\$50.00	\$50.00	\$810.00	\$410.00	50.62%	7-0-0
Best Buddies	\$300.00	\$0.00	\$0.00	\$0.00	\$380.00	\$0.00	\$80.00	\$0.00	\$760.00	\$0.00	0.00%	7-0-0
Bhakti Yoga	\$2,520.00	\$0.00	\$0.00	\$0.00	\$1,200.00	\$0.00	\$50.00	\$0.00	\$3,770.00	\$0.00	0.00%	7-0-0
Bhangra Club	\$4,120.00	\$800.00	\$850.00	\$310.00	\$100.00	\$100.00	\$25.00	\$25.00	\$5,095.00	\$1,235.00	24.24%	4-1-2
BE-BMS	\$0.00	\$0.00	\$0.00	\$0.00	\$1,550.00	\$600.00	\$550.00	\$100.00	\$2,100.00	\$700.00	33.33%	6-0-0
Black Students' Union	\$0.00	\$0.00	\$0.00	\$0.00	\$1,200.00	\$375.00	\$20.00	\$20.00	\$1,220.00	\$395.00	32.38%	7-0-0
Black Women's Alliance	\$3,600.00	\$300.00	\$0.00	\$0.00	\$3,850.00	\$1,600.00	\$100.00	\$100.00	\$7,550.00	\$2,000.00	26.49%	6-0-0
Brain and Cognitive Science Society	\$350.00	\$100.00	\$0.00	\$0.00	\$600.00	\$600.00	\$45.00	\$5.00	\$995.00	\$705.00	70.85%	6-0-0
Brain Trust	\$55.00	\$55.00	\$0.00	\$0.00	\$1,203.00	\$610.00	\$108.00	\$58.00	\$1,366.00	\$723.00	52.93%	6-0-1
Campus Crusade for Christ	\$0.00	\$0.00	\$30.00	\$0.00	\$875.00	\$0.00	\$160.00	\$100.00	\$1,065.00	\$100.00	9.39%	7-0-0
Caribbean Club	\$12.00	\$12.00	\$40.00	\$0.00	\$3,120.00	\$1,000.00	\$0.00	\$0.00	\$3,172.00	\$1,012.00	31.90%	6-0-1
Casino Rueda	\$400.00	\$300.00	\$900.00	\$250.00	\$500.00	\$500.00	\$100.00	\$75.00	\$1,900.00	\$1,125.00	59.21%	7-0-0
Caving Club	\$588.00	\$588.00	\$570.00	\$570.00	\$185.00	\$185.00	\$10.00	\$10.00	\$1,353.00	\$1,353.00	100.00%	7-0-0
Chamak	\$240.00	\$100.00	\$1,360.00	\$250.00	\$0.00	\$0.00	\$100.00	\$35.00	\$1,700.00	\$385.00	22.65%	7-0-0
Chess Club	\$0.00	\$0.00	\$0.00	\$0.00	\$600.00	\$0.00	\$0.00	\$0.00	\$600.00	\$0.00	0.00%	6-0-1
China Care	\$380.00	\$80.00	\$0.00	\$0.00	\$1,328.00	\$389.00	\$81.00	\$81.00	\$1,789.00	\$550.00	30.74%	7-0-0
Chinese Ensemble	\$340.00	\$0.00	\$230.00	\$0.00	\$300.00	\$300.00	\$90.00	\$50.00	\$960.00	\$350.00	36.46%	6-0-0
Chinese Students Club	\$283.00	\$250.00	\$305.00	\$200.00	\$3,160.00	\$1,500.00	\$350.00	\$200.00	\$4,098.00	\$2,150.00	52.46%	6-0-0
Chorallaries	\$1,700.00	\$0.00	\$0.00	\$0.00	\$1,500.00	\$1,200.00	\$300.00	\$150.00	\$3,500.00	\$1,350.00	38.57%	6-0-0
Concert Band	\$200.00	\$200.00	\$800.00	\$500.00	\$750.00	\$500.00	\$220.00	\$125.00	\$1,970.00	\$1,325.00	67.26%	7-0-0
Concert Choir Students Association	\$200.00	\$0.00	\$0.00	\$0.00	\$50.00	\$0.00	\$50.00	\$0.00	\$300.00	\$0.00	0.00%	7-0-0
Cross Products	\$98.00	\$98.00	\$729.00	\$150.00	\$70.00	\$70.00	\$104.00	\$104.00	\$1,001.00	\$422.00	42.16%	6-0-0
Curling Club	\$245.00	\$245.00	\$0.00	\$0.00	\$300.00	\$300.00	\$20.00	\$20.00	\$565.00	\$565.00	100.00%	7-0-0
Dance Troupe	\$400.00	\$0.00	\$1,100.00	\$250.00	\$2,660.00	\$1,500.00	\$670.00	\$150.00	\$4,830.00	\$1,900.00	39.34%	7-0-0
Debate Team	\$3,000.00	\$2,240.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$3,000.00	\$2,240.00	74.67%	6-0-0
MIT Dramashop	\$180.00	\$0.00	\$0.00	\$0.00	\$300.00	\$0.00	\$0.00	\$0.00	\$480.00	\$0.00	0.00%	7-0-0
MIT-EMS	\$535.00	\$100.00	\$900.00	\$0.00	\$650.00	\$300.00	\$605.00	\$150.00	\$2,690.00	\$550.00	20.45%	7-0-0
Egyptian Association	\$0.00	\$0.00	\$0.00	\$0.00	\$600.00	\$0.00	\$0.00	\$0.00	\$600.00	\$0.00	0.00%	6-0-0
Engineers Without Borders	\$855.00	\$0.00	\$700.00	\$0.00	\$1,300.00	\$0.00	\$425.00	\$0.00	\$3,280.00	\$0.00	0.00%	7-0-0
Equestrian Club	\$3,325.00	\$0.00	\$0.00	\$0.00	\$2,140.00	\$350.00	\$80.00	\$50.00	\$5,545.00	\$400.00	7.21%	6-0-1
Filipino Students Assoc	\$50.00	\$50.00	\$40.00	\$40.00	\$2,510.00	\$2,000.00	\$70.00	\$70.00	\$2,670.00	\$2,160.00	80.90%	7-0-0
Film Cooperative	\$0.00	\$0.00	\$1,000.00	\$0.00	\$620.00	\$120.00	\$100.00	\$100.00	\$1,720.00	\$220.00	12.79%	7-0-0
Flying Club	\$90.00	\$0.00	\$163.00	\$0.00	\$838.00	\$0.00	\$113.00	\$0.00	\$1,204.00	\$0.00	0.00%	6-0-1
Gilbert and Sullivan Players	\$0.00	\$0.00	\$8,650.00	\$150.00	\$250.00	\$250.00	\$0.00	\$0.00	\$8,900.00	\$400.00	4.49%	7-0-0
Global Poverty Initiative	\$0.00	\$0.00	\$0.00	\$0.00	\$550.00	\$450.00	\$0.00	\$0.00	\$550.00	\$450.00	81.82%	6-0-0
Gospel Choir	\$975.00	\$0.00	\$0.00	\$0.00	\$1,100.00	\$850.00	\$155.00	\$100.00	\$2,230.00	\$950.00	42.60%	7-0-0
Habitat for Humanity	\$2,340.00	\$1,000.00	\$0.00	\$0.00	\$784.00	\$250.00	\$50.00	\$50.00	\$3,174.00	\$1,300.00	40.96%	6-0-1
Hapa	\$0.00	\$0.00	\$0.00	\$0.00	\$1,500.00	\$950.00	\$120.00	\$120.00	\$1,620.00	\$1,070.00	66.05%	7-0-0
Hawaii Club	\$250.00	\$250.00	\$0.00	\$0.00	\$550.00	\$350.00	\$50.00	\$50.00	\$850.00	\$650.00	76.47%	7-0-0
Hillel	\$650.00	\$650.00	\$375.00	\$375.00	\$3,000.00	\$2,000.00	\$375.00	\$375.00	\$4,400.00	\$3,400.00	77.27%	7-0-0
Hindu Students Council	\$80.00	\$80.00	\$150.00	\$150.00	\$1,310.00	\$1,310.00	\$330.00	\$150.00	\$1,870.00	\$1,690.00	90.37%	7-0-0
Hong Kong Student Society	\$0.00	\$0.00	\$0.00	\$0.00	\$1,150.00	\$800.00	\$100.00	\$50.00	\$1,250.00	\$850.00	68.00%	7-0-0
How to Get Around MIT	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	—	7-0-0
Imobilare	\$50.00	\$50.00	\$0.00	\$0.00	\$150.00	\$0.00	\$50.00	\$0.00	\$250.00	\$50.00	20.00%	7-0-0
International Development	\$288.00	\$288.00	\$50.00	\$0.00	\$450.00	\$150.00	\$710.00	\$230.00	\$1,498.00	\$668.00	44.59%	7-0-0
Korean Students Association	\$160.00	\$100.00	\$70.00	\$70.00	\$1,550.00	\$1,200.00	\$250.00	\$150.00	\$2,030.00	\$1,520.00	74.88%	6-0-1
La Union Chicana Por Aztlan	\$950.00	\$0.00	\$40.00	\$0.00	\$1,070.00	\$700.00	\$130.00	\$50.00	\$2,190.00	\$750.00	34.25%	6-0-1
Laboratory for Chocolate Science	\$0.00	\$0.00	\$180.00	\$180.00	\$1,400.00	\$500.00	\$150.00	\$100.00	\$1,730.00	\$780.00	45.09%	6-0-1
Latter-day Saint Student Association	\$220.00	\$110.00	\$0.00	\$0.00	\$495.00	\$495.00	\$100.00	\$100.00	\$815.00	\$705.00	86.50%	7-0-0
Lecture Series Committee	\$1,600.00	\$1,600.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,600.00	\$1,600.00	100.00%	7-0-0
Lion Dance	\$30.00	\$30.00	\$600.00	\$600.00	\$300.00	\$150.00	\$30.00	\$30.00	\$960.00	\$810.00	84.38%	7-0-0
Logarithms	\$0.00	\$0.00	\$2,300.00	\$0.00	\$1,100.00	\$1,100.00	\$150.00	\$150.00	\$3,550.00	\$1,250.00	35.21%	7-0-0
Marching Band	\$115.00	\$115.00	\$1,020.00	\$250.00	\$0.00	\$0.00	\$75.00	\$75.00	\$1,210.00	\$440.00	36.36%	7-0-0
Mentor Connection	\$0.00	\$0.00	\$0.00	\$0.00	\$985.00	\$600.00	\$0.00	\$0.00	\$985.00	\$600.00	60.91%	7-0-0
Mes Latino	\$0.00	\$0.00	\$0.00	\$0.00	\$1,400.00	\$0.00	\$30.00	\$0.00	\$1,430.00	\$0.00	0.00%	7-0-0
mitBEEF	\$450.00	\$250.00	\$0.00	\$0.00	\$1,300.00	\$1,000.00	\$200.00	\$150.00	\$1,950.00	\$1,400.00	71.79%	7-0-0
Mocha Moves	\$0.00	\$0.00	\$0.00	\$0.00	\$552.00	\$552.00	\$50.00	\$50.00	\$602.00	\$602.00	100.00%	7-0-0
Movements in Time	\$400.00	\$400.00	\$0.00	\$0.00	\$0.00	\$0.00	\$30.00	\$30.00	\$430.00	\$430.00	100.00%	7-0-0
Mujeres Latinas	\$0.00	\$0.00	\$0.00	\$0.00	\$1,490.00	\$1,200.00	\$20.00	\$20.00	\$1,510.00	\$1,220.00	80.79%	7-0-0
Muses	\$600.00	\$300.00	\$6,000.00	\$0.00	\$400.00	\$400.00	\$100.00	\$100.00	\$7,100.00	\$800.00	11.27%	6-0-1
Musical Theater Guild	\$2,974.00	\$1,500.00	\$8,000.00	\$0.00	\$9,040.00	\$0.00	\$900.00	\$100.00	\$20,914.00	\$1,600.00	7.65%	6-



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Reception and Viewing of Student Research Projects:
(refreshments will be served)

DATE: Friday, November 6, 2009
TIME: 5:00 pm – 6:30 pm
LOCATION: Massachusetts Institute of Technology
Stratton Student Center
3rd Floor, Twenty Chimney's Room
84 Massachusetts Avenue
Cambridge, Massachusetts 02139

Student Oral Presentations:

DATE: Saturday, November 7, 2009
TIME: 8:00 am – 1:15 pm
LOCATION: Massachusetts Institute of Technology
Stratton Student Center
3rd Floor, Mezzanine Lounge
84 Massachusetts Avenue
Cambridge, Massachusetts 02139

We look forward to seeing you!

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Charging for Printing Is One Suggested Athena Reform

Athena, from Page 1

the 1980s as an experiment in educational computing. It gave students unprecedented access to computer programs that they couldn't expect to run at home and to a network that let them communicate with others around the world and access their files from anywhere on campus.

Today, most students have laptops or personal computers. They can usually send e-mail from home or on the go, and they can often run course-specific software on their own computers. MIT encourages the practice, distributing Windows and Matlab for free to students.

"[W]e need to figure out what is the right computing model for stu-

dents for the year 2010 rather than the late 1980's when Athena was conceived," Hastings said in an e-mail.

But even though they have access to other computers, students continue to use Athena machines in clusters, in their dorms and living groups, and in "Quickstations" scattered across campus, to collaborate in groups,

work alone in relative quiet, or just log in quickly and keep in touch with the world.

Trimming Athena for modern users

Those considering cuts to Project Athena will have a lot to figure out: Should they suggest getting rid of entire clusters? (See a list at <http://ist.mit.edu/services/athena/clusters>). Or should they just get rid of some of the computers in each cluster? Should they get rid of some of the software licenses used by Athena machines?

The group will have information including student and faculty input about how Athena helps learning at MIT and how students use the clusters. It will also have access to detailed data showing cluster usage over time daily since 1992, available at <https://wikis.mit.edu/confluence/display/athena/Statistical+Data>.

New data will show the group how people use Athena today. Beginning in fall 2009, public Athena cluster machines now log information about how long users are logged in, what additional software they install, and the full path of any programs run during the session. (The data are stored with strict attention to user privacy: only the IS&T Server Operations team can access them, and no personally identifiable information is sent.)

These detailed metrics could help show whether users are most likely to drop into clusters for quick five-minute Web browsing sessions, or to spend hours in front of Matlab, or something else entirely.

Perhaps, administrators say, some clusters should go.

"Some we'll want to keep. Some are community sites, valuable sites," said W. Eric L. Grimson PhD '80, who along with Hastings led the group that said MIT should consider the cuts. But, he added, "a lot of clusters are very lightly used." The possibility of closing clusters "frees up space for other things: student lounges, more space for teaching," he said in an interview.

The clusters' annual costs include \$900,000 for hardware and operations and \$400,000 for software, Grimson said.

Electricity, heating, and cooling for the clusters costs \$130,000, Hastings said. The physical space the clusters occupy carries an additional cost, Hastings wrote, although his e-mail did not specify

how much.

Last night, a few dozen students were scattered around the Student Center Athena cluster. Bent over books, reading e-mail, staring at a problem set, studying in a corner, or talking side-by-side at whiteboards with their laptops out, they filled the room with soft voices and the clatter of keyboards, as laser printers whirled in the background.

Luis A. Torres '10 was working on a nuclear fuel cycle problem set, using Matlab on Athena. He said he likes working in the Student Center cluster because the background noise and the environment help him be productive.

The Reading Room can get too quiet, he said. And "the proximity to the printer is nice, too," he said.

Lindsay S. Johnson '11 said she mostly uses Athena clusters for printing, although sometimes she's used Matlab for class projects. When print queues get heavily loaded, she sometimes likes to use the uncrowded cluster in the basement of Building 66, she said.

That lightly-used cluster may disappear soon. But the free printing might disappear too.

Cutting costs by charging for printouts

The possible cluster cuts are part of bigger sets of cuts: MIT hopes to eliminate \$60-\$70 million from General Institute Budget spending by the end of the 2011 academic year, President Susan J. Hockfield wrote in a September letter to the MIT community. Athena cluster cuts are among the ideas proposed by the budget-cutting Institute-Wide Planning Task Force, whose final report is expected within about three weeks. (It was originally expected by the end of October.)

The cuts are meant to cushion MIT from an anticipated drop in payout from the endowment, which pays for about a quarter of General Institute Budget spending.

The same group considering Athena cuts will also consider cutting printing services, perhaps by making printing cost money or perhaps by eliminating little-used printers. Currently, students may print an unlimited number of black and white or (at one cluster) color pages for free.

\$300,000 per year is spent on printing, Hastings wrote.

Charging for printers might reduce the sizes of the piles of unclaimed printouts that rest next to Athena printers during busy periods.

This fall, Boston University centralized its high-speed printers into only a few buildings and began charging students 12 cents per page, the university's press publication *BU Today* reported in August. Undergraduates get 100 pages for free; graduate students get 500 pages, and law students get 1000 free pages. Many students reacted with disappointment, saying that the free printing was not enough to let them print out all their required course readings, delivered electronically by instructors.

In announcing a similar 12 cent per page policy for its campus, the Boston University School of Public Health recommends that students consider printing for 3 or 6 cents per page at a nearby FedEx Kinko's instead.



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Solution to Sudoku
from page 6

7	3	1	9	8	4	6	5	2
9	5	8	2	1	6	4	7	3
4	2	6	7	3	5	1	9	8
3	1	7	4	9	8	2	6	5
5	8	4	6	2	1	7	3	9
2	6	9	5	7	3	8	4	1
8	4	3	1	5	7	9	2	6
1	7	2	3	6	9	5	8	4
6	9	5	8	4	2	3	1	7

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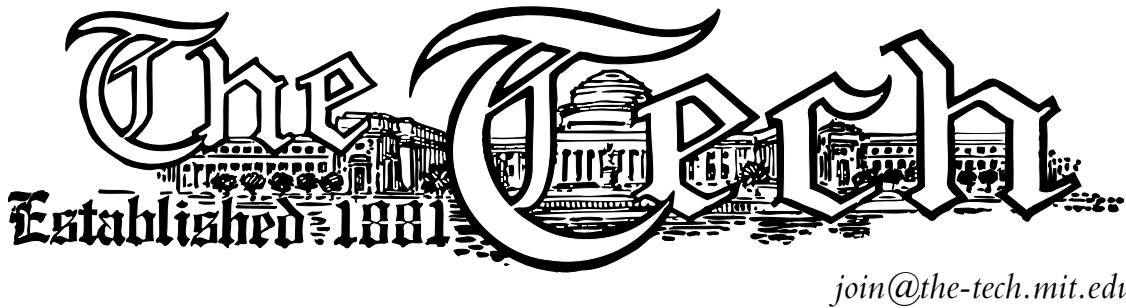
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We want you in our sheets.



Hidden Camera and Marked \$20 Bill Were Used in Police Sting

Sting, from Page 1

his cooperation, his room, and some cash.

The next day, the police set up a hidden camera in his room. They took \$49 from his wallet, photocopied the bills and marked them, and laid the money in plain sight on the table. The police then put in a fake work order. They said the air conditioner was broken.

The suspect employee came up to the resident's room, and pocketed a \$20 bill on his way out. The camera caught it all on tape.

The resident said MIT fired the employee. It is unclear whether the employee will be charged, or when he will be charged.

Perault declined to comment on state of the case, but acknowledged that he led the operation. Collins also declined to comment.

The resident had kudos for the police. "The situation was handled very well by the house manager and Detective Perault," he said. "It was done quietly and cleanly, in 24 hours."

He reminds students that most housing employees are good people. "Residents cannot lose confidence in their staff — a majority of [the housing staff] are wonderful," he said. "I did what anyone would have and should have done. We have a community at MIT and community policing is one of the ways to preserve it."

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Solution to Crossword

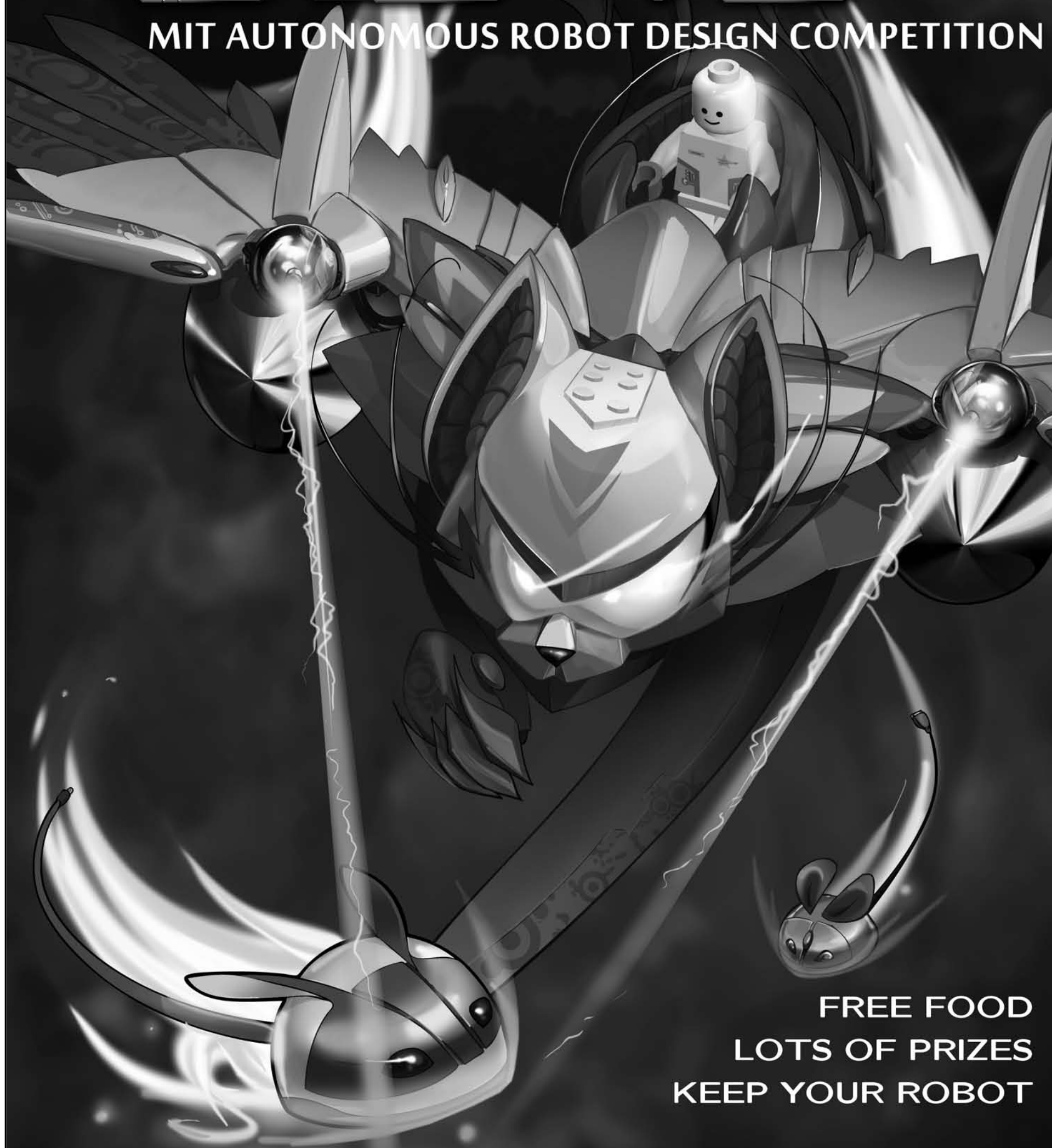
from page 6

O	V	A	L		C	H	O	P		P	A	N	E	L
M	A	R	E		L	I	M	O		A	S	A	N	A
A	L	G	A		E	L	A	N		L	A	S	S	O
H	O	U	R	O	F	T	R	I	U	M	P	H		
A	R	E	N	A			E	N	O		V	E	T	
					H	A	N	D	S	O	F	T	I	M
M	U	S	C	U	L	A	R			F	E	L	I	X
A	S	T	A		S	P	I	N	S		A	L	T	A
C	H	O	R	E		F	O	R	T	R	E	S	S	
H	E	L	E	N	O	F	T	R	O	Y				
O	R	E		C	O	L				R	O	U	G	H
			H	E	A	P	O	F	T	R	O	U	B	L
P	R	O	D	S		W	A	K	E		N	O	O	N
J	A	M	I	E		E	T	O	N		C	A	A	N
S	P	E	E	D		R	E	S	T		E	T	T	A

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‘Transparency’ a Goal of New Media Lab Extension

Media Lab, from Page 1

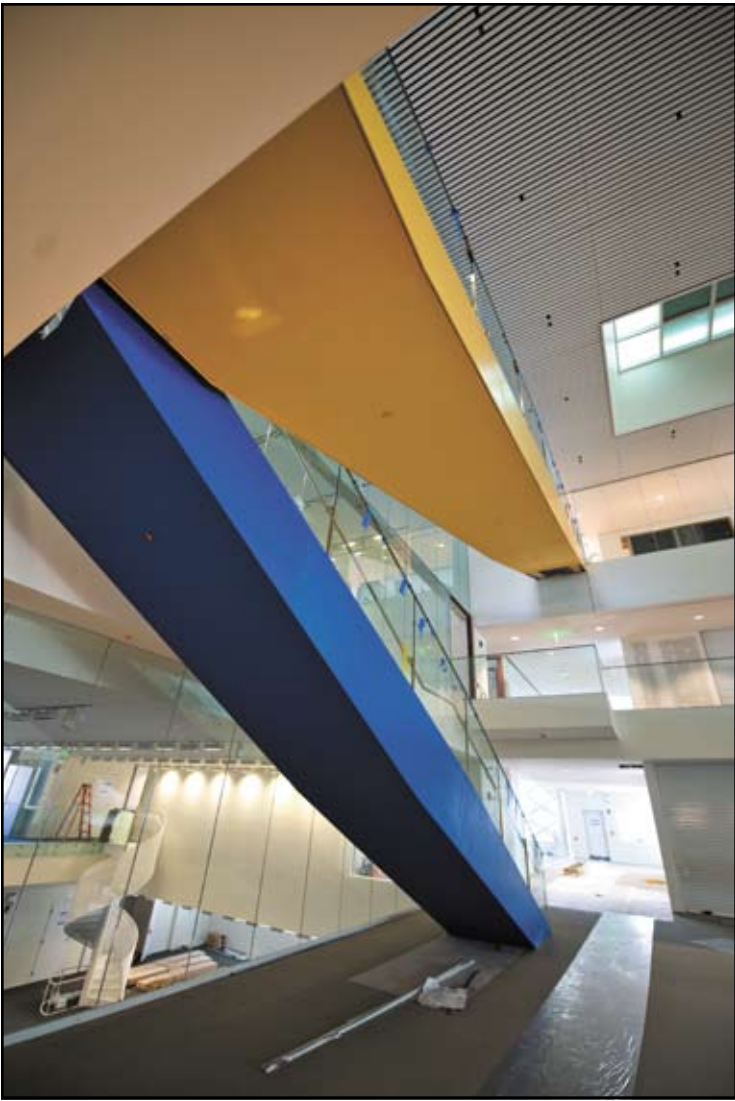
Fumihiko Maki, who won the 1993 Pritzker Architecture Prize and has designed actively since 1956. He has completed only a handful of buildings in the United States.

“Transparency and interaction” are the two guiding principles of the building’s design, according to Arne Abramson, the manager of the project. E14 will house nine laboratories, each partitioned with glass. Each lab is two stories high and sits offset by one floor to its neighbor, so one can see clearly into adjacent labs through the glass dividing walls. Inter-laboratory movement is just as convenient, with numerous single-story spiral staircases linking floors.

At night, bystanders can see through the entire building.

The main elevators are also made of glass. They streak upwards through the central atrium, interrupting the expanse of open air, glass, and white surfaces. Their inner workings are naked for people to see. The elevators provide access to the upper floors, housing multi-purpose conference presentation rooms, room for several cafes, a roof deck with a magnificent view of the Charles River and the academic campus, and a small auditorium, which follows the curvature of the building’s southwest corner — the only curve in the stark metal and glass exterior.

Along with the new Sloan School of Management and Koch Center for Cancer Research, E14 is part of a \$750 million dollar campus development initiative seeking to strengthen research and innovation at the Institute.



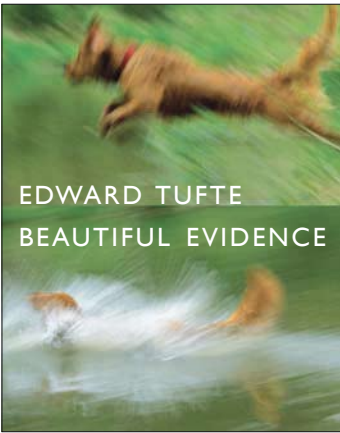
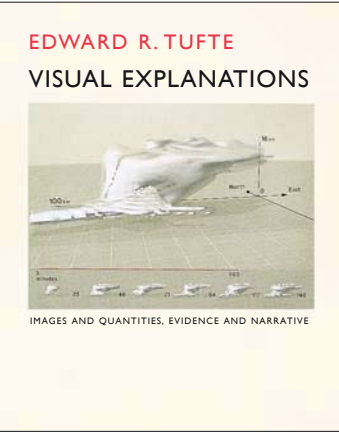
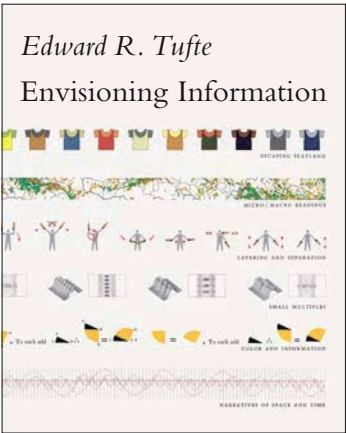
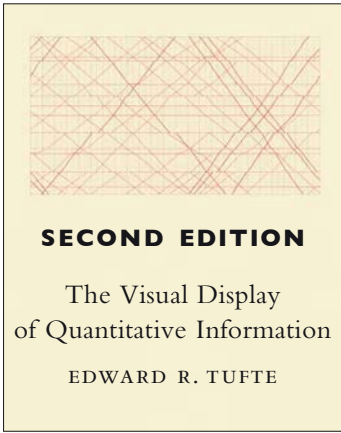
Multicolored staircases visibly connect the floors of E14, the Media Lab extension. Architect Fumihiko Maki designed the building with many spiral staircases, straight staircases, and elevators to encourage movement and interaction between floors.



Workers begin grinding the marble chunk-infused floor of the Media Lab extension’s central atrium, which will be polished to a glossy finish. The expanse of interconnected airspaces surrounding the atrium necessitated smoke curtains (left) for emergency air evacuation, shown here closed for testing.

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Despite Solid Defense, Another Disappointing Result for MIT

Football, from Page 16

holding the Panthers to a field goal after another turnover. A fumble by All-American Captain DeRon M. Brown '11, who would finish the day with 103 yards on 32 carries, on the MIT 32-yard line gave the Panthers the ball back, but an impressive red zone stop held the home team to three points with 9:07 left in the 3rd quarter, their final points of the game.

The Cardinal and Grey answered back, but it was too little too late. With the final score of the game, quarterback Kyle T. Johnson '12, who completed 4 of 11 passes and ran for 22 yards on the day, scrambled for 4 yards and a touchdown.

The MIT defense was led by Kristopher C. Weaver '12 and Peter W. Gilliland '12 with 13 tackles apiece, as well as a forced fumble by captain Will J. Gibson '10 recovered by Weaver.

The loss was the fourth straight for the Engineers, whose lone victory came against UMass-Dartmouth on October 3rd. The season was not what the team was hoping for, coming off of a 5-5 season with high expectations under rookie Head Coach Chad Martinovich.

"There is no doubt in our minds this wasn't the season we had hoped and planned for," says William E. Boettcher '12. "We definitely want to end the season and the seniors' careers on a high note, and begin

to move forward into the offseason and next year in the right direction. The encouraging thing, however, is how many underclassmen we have been playing and have been getting experience for next year."

MIT will be losing seven starters to graduation, who have already or will receive honors for their abilities on the field. While the loss is significant, it is a good sign that there is such youth on the team, including 6 of 11 defensive and 4 of 11 offensive freshman or sophomore starters.

The Engineers (1-7, 1-5 NEFC Boyd) will finish their season against the Endicott College Gulls (4-5, 2-4 NEFC Boyd) in Beverly, MA next Saturday at 5 p.m.

Volleyball Prepares for NEWMAC Tournament Starting This Weekend

Volleyball, from Page 16

with five kills. Cathy Melnikow '10 contributed five digs and four aces as Alyssa Rothman '13 collected 29 assists and six digs. Anna Dikina '11 bolstered the Cardinal and Gray's back row with four digs.

Both sides traded points to start the contest until the Engineers mounted a 24-3 run to win the first set.

The early stages of the second stanza were closely played as the Lyons came within one point on two occasions, the last at 8-7. MIT captured the next five points to gain some breathing room and eventually established a 24-12 lead. A trio

of miscues and an ace extended the frame for Mount Holyoke, but Joujon-Roche's kill ended the late rally.

The final frame featured five ties. Back-to-back kills from Leonard helped powered the Engineers' spurt of 11 unanswered points. Schulte's kill gave the hosts a 22-11 lead before three straight aces by Leonard sealed the match.

MIT will continue action on Tuesday, Nov. 3 when it hosts a quarterfinal match of the NEWMAC Championship Tournament. Should the top-seeded Engineers emerge with a victory, they will host the semifinal and championship rounds beginning on Friday, Nov. 6.

SCOREBOARD		
Men's Cross Country		
Saturday, October 31, 2009		
NEWMAC Championships		
MIT		1st of 7
Women's Cross Country		
Saturday, October 31, 2009		
NEWMAC Championships		
MIT		1st of 10
Field Hockey		
Saturday, October 31, 2009		
Babson College		0
MIT		3
Football		
Saturday, October 31, 2009		
Plymouth State University		24
MIT		7
Men's Soccer		
Saturday, October 31, 2009		
Babson College		4
MIT		2
Women's Soccer		
Saturday, October 31, 2009		
Worcester Polytechnic Institute		0
MIT		4
Women's Volleyball		
Saturday, October 31, 2009		
Mount Holyoke College		0
MIT		3

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SPORTS

Men's and Women's Cross Country Teams Both Win NEWMAC Championship Titles, Runners of the Year

Men's Report

Women's Report

Greg McKeever
DAPER STAFF

Just as it has done every year since the conference began, the MIT men's cross country team captured the New England Women's and Men's Athletic Conference (NEWMAC) Championship Saturday at Franklin Park. On the strength of eight All-Conference performances, the Engineers were able to extend their streak of league titles to 12. Hemagiri Arumugam '10 was named the NEWMAC Runner of the Year as the top overall finisher.

Arumugam broke the tape in a time of 25:50, 11 seconds faster than his closest competitor. William S. Phipps '09 picked up an impressive third-place showing, coming through the chute in 26:22. Gihan S. Amarasiriwardena '11 (26:34) also cracked the top

five. Dawit H. Zewdie '13 was the first of four straight Tech runners on the back end of the top 10, with a seventh-place finish in 26:42. Daniel E. Harper '12 was the final scoring runner for the Cardinal and Grey, in eighth place at 26:48. Paul D. Welle '11 (26:58), Stephen R. Serene '12 (26:59) and Benjamin A. Mattocks '12 (27:10) were the other All-Conference honorees.

With 24 team points, the Engineers edged runner-up Springfield by 17. It was also the third straight year that both the MIT men's and women's squad took home the conference crowns.

Tech will travel to Southern Maine in two weeks for the Division III New England Championship. The meet begins at 12:00 p.m.

Greg McKeever
DAPER STAFF

The nationally ranked number three MIT women's cross country team placed six runners in the top seven, including Runner of the Year, Maria J. Monks '10, to win its third consecutive New England Women's and Men's Athletic Conference (NEWMAC) Championship in convincing fashion on Saturday at Franklin Park. Seven Tech harriers were named to the NEWMAC All-Conference team.

Monks edged teammate Jacqueline M. Wentz '10, last year's top overall finisher, for the individual title. Monks completed the five-kilometer course in 18:32, 13 seconds faster than Wentz's runner-up time. Springfield's Amanda DiPaolo, who placed third, was the only runner preventing the Cardinal and Grey from completing a sweep

of the top five. Brooke C. Johnson '13, who captured NEWMAC Rookie of the Year honors as the top freshman finisher, took fourth with her time of 19:20. Melissa A. Showers was right behind her at 19:21. Tania K. Morimoto '12 rounded out the scoring for Tech, coming through the chute at 19:31. Alina E. Gatowski '11 (7th) and Katherine J. Eve '12 (11th) also collected All-Conference accolades for the Engineers.

MIT's total of 18 points was good enough to secure the sixth conference title in program history. Wellesley College was second with 75 points.

The Engineers will look to back up their number one ranking in the region at the New England Division III Championship in two weeks. The meet, hosted by Southern Maine, begins at 12:00 p.m.

Football Falls to Plymouth State In 'Smashmouth' Rushing Battle

By Russell Spivak
TEAM MEMBER

In a one hour, 52 minute contest on Saturday, the Engineers fell to the Plymouth State University Panthers on the Panthers' Senior Day in New Hampshire. Both teams were coming off of a tough loss looking to redeem themselves. The Panthers, who saw their conference title hopes dashed with a loss against Curry College last week, were looking for a win for their seniors on the final home

game of the year. The Engineers were coming off of a disappointing loss in their final home game and Senior Day to the Seahawks of Salve Regina.

Saturday's game was a true smashmouth, hard-nosed football game; 97 of 110 total plays from scrimmage by both teams were runs.

The game began with a quick pair of Plymouth touchdowns, first on a 51-yard cutback rush by Ty Long within 2 minutes of the game, and then a second on a 4-yard rush up following an interception with

7:25 left in the first quarter. At 7:42 left in the 2nd quarter, Plymouth finished their first-half scoring with a 29 yard pass that ended in a touchdown — one of their two passing plays of the day.

Though the halftime score was 21-0, MIT was encouraged that despite giving up two big plays on third-and-long situations, they were able to hold the powerful Plymouth offense to just one successful full drive.

MIT came out of halftime firing,

Volleyball Defeats Mount Holyoke, Clinches No. 1 NEWMAC Tourney Seed

By Paul Dill
TEAM COACH

With a 25-4, 25-16, 25-11 victory over Mount Holyoke College, the MIT women's volleyball team posted an undefeated mark of 9-0 in the New England Women's and Men's Athletic Conference (NEWMAC) and improved to 25-7 on the year. The Lyons finished their season with an overall record of 4-22 and a 0-9 ledger in NEWMAC action.

MIT's Barden E. Cleeland '10 reg-

istered a match-high eight kills which put her over the 1,000 kill mark. She becomes the ninth player in program history to reach this milestone and the second this season as Alex May '10 joined the MIT 1,000 kill and 1,000 dig clubs. Cecily Joujon-Roche '12 notched seven kills as Cleeland tacked on three aces. Kelly Schulte '12 posted six kills while May recorded seven digs, five kills, and four aces. Trinity Leonard '13 tallied five kills and three aces while Jenny Li '11 rounded out the Engineers' attack

Shotokan Karate Dominates in First Area Competition of the Year, Nearly Sweeps

By Brian Neltner
TEAM MEMBER

The MIT Shotokan Karate participated in the Battle for Boston Tournament on October 24. The team fielded 11 students and nearly swept the competition in both Kumite (sparring) and Kata (forms).

In the advanced division, Santolina Savannet G, an assistant captain and instructor, won first place in Advanced Individual Kata 18-22, Grand Champion in Kata, second place in Advanced Individual Kumite, and second place in Advanced Team Kumite with Piotr Fidkowski G and Michael T. Snella G. Brian T. Neltner G, the

team captain and instructor, won first place in Advanced Individual Kata 23-25, second place in Weapons Forms, and second place in Advanced Team Kata with Savannet and Fidkowski.

Fidkowski, also a club instructor, came in first place in Men's Advanced Kumite 18-22, and second in the Grand Championship for Kumite. In the Boston Battle competition, he and Samantha N. Powers '12 came in third place overall. Fidkowski also managed to just edge out Neltner for first place in Weapons Kata. Snella also came in first place in the Boston Battle competition.

In the intermediate division, Vazrik Chiloyan '11's team, including Yves Matton G and Powers, won

first place in Team Kumite. Vazrik also won first place in Men's Kumite 18-22 and Men's Kata 18-22, as well as third place in Grand Champion Kumite, coming in just behind Fidkowski. Powers won first place in Women's Intermediate Kumite 18-22 and third place in Kata 18-22. Yves Matton placed second in Kata 18-22.

In the beginner division, Alexander P. Clayton '13 and Emily K. Rosser '12 won second and third place, respectively, in Individual Kata 18-22, and a team of Nathan W. Brei 11, Clayton, and Julian Lemus '13 won second place in Team Kata.


The next round for the team begins in mid-November.

UPCOMING HOME EVENTS

Tuesday, November 1, 2009

Women's Volleyball vs. Clark University

7 p.m., Rockwell Cage



COREY J. KUBBER

Forward Christian W. Therkelsen '11 evades Babson sophomores Jimmy Stent and Ryan Obolewicz during the Engineers' 2-4 loss on Saturday at Steinbrenner Stadium. Therkelsen was double-teamed throughout the game, but he still managed a goal and an assist.



SAM RANGE—THE TECH

Members of the MIT Sailing Team (sail 3) exit a turn behind Boston College (sail 13) during the Erwin Schell Trophy on Sunday on the Charles River. The sailing competition featured 20 collegiate and military teams from across the Northeast.